GB2004/003485

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A. CLASSIF IPC 7	ACATION OF SUBJECT MATTER ACTION OF SUBJECT MATTER		
	International Patent Classification (IPC) or to both national classif	ication and IPC	
B. FIELDS			
IPC 7	cumentation searched (classification system followed by classification sys	ation symbols)	
Documentati	ion searched other than minimum documentation to the extent that	t such documents are inc	uded in the fields searched
	ata base consulted during the International search (name of data i ternal, PAJ, WPI Data	pase and, where practical	d, search terms used)
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the	relevant passages	Relevant to claim No.
Х	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 21, 3 August 2001 (2001-08-03) -& JP 2001 087370 A (DENSO CORP 3 April 2001 (2001-04-03) cited in the application),	1-4,8,9, 11-16, 18-20
Υ	abstract		6,10
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 07, 29 September 2000 (2000-09-29) -& JP 2000 121110 A (ELMO CO LT 28 April 2000 (2000-04-28) abstract	D), -/	1-4,8,9, 11-20
X Furt	her documents are listed in the continuation of box C.	X Patent family	y members are listed in annex.
 	ategories of cited documents :	است	
'A' docum consid	ent defining the general state of the art which is not dered to be of particular relevance	or priority date a	ublished after the international filing date and not in conflict with the application but and the principle or theory underlying the
filing		cannot be consi	icular relevance; the claimed invention dered novel or cannot be considered to alive step when the document is taken alone
"O" docum	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another on or other special reason (as specified) nent referring to an oral disclosure, use, exhibition or means	"Y" document of part cannot be consi document is con	icular relevance; the claimed invention dered to involve an inventive step when the mbined with one or more other such docu- mbination being obvious to a person skilled
'P' docum	means lent published prior to the international filing date but than the priority date claimed	in the art.	er of the same patent family
Date of the	actual completion of the international search		of the international search report
1	14 October 2004	21/10/	2004
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk	Authorized office	er
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Form PCT/ISA/210 (second sheet) (January 2004)

GB2004/003485

		GB2004/003485		
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.		
	-& DATABASE WPI Derwent Publications Ltd., London, GB; AN 2000-402951 XP002299934 -& JP 2000 121110 A (ELMO CO LTD) 28 April 2000 (2000-04-28) abstract			
X	DE 101 57 832 A (KRUSE EIKE) 26 June 2003 (2003-06-26) the whole document	1-4,7-9, 11-20		
X	FR 2 689 399 A (GENE DIDIER ; MARTIN JOAQUIM) 8 October 1993 (1993-10-08)	1-4,8,9, 11-16, 18-20		
	page 2, line 1 - line 22 page 3, line 24 - page 5, line 2			
P,X	DE 102 49 510 A (BEHR GMBH & CO) 6 May 2004 (2004-05-06)	1-4,8,9, 11-16, 18-20		
	paragraph '0020! - paragraph '0021!; figures 1,2			
Ρ, Χ	WO 2004/062700 A (FREUDENBERG CARL KG; KLATT CHRISTOPHER (DE); BORRIS RICHARD (DE); REI) 29 July 2004 (2004-07-29) page 9 - page 13	1-4, 11-16, 18-20		
Ρ,χ	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12, 5 December 2003 (2003-12-05) -& JP 2004 141618 A (TOTO LTD), 20 May 2004 (2004-05-20) abstract	1-4,7-9, 11-16, 18-20		
Р,Х	-& DATABASE WPI Derwent Publications Ltd., London, GB; AN 2004-395768 XP002299935 -& JP 2004 141618 A (TOTO LTD) 20 May 2004 (2004-05-20) abstract	1-4,7-9, 11-16, 18-20		
х	PATENT ABSTRACTS OF JAPAN vol. 018, no. 032 (C-1154), 18 January 1994 (1994-01-18) -& JP 05 261246 A (TOTO LTD), 12 October 1993 (1993-10-12) abstract	1,4,5,8, 9,13-15		
		,		

3B2004/003485

		3B2004/003485					
	C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT						
Category °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.					
	-& DATABASE WPI Derwent Publications Ltd., London, GB; AN 1993-356533 XP002299936 -& JP 05 261246 A (TOTO LTD) 12 October 1993 (1993-10-12) abstract						
x	PATENT ABSTRACTS OF JAPAN vol. 017, no. 288 (M-1423), 3 June 1993 (1993-06-03) -& JP 05 016660 A (ZEXEL CORP), 26 January 1993 (1993-01-26) abstract	1,5,15					
Υ	PATENT ABSTRACTS OF JAPAN vol. 016, no. 036 (M-1205), 29 January 1992 (1992-01-29) & JP 03 244957 A (SEIBU GAS KK; others: 01), 31 October 1991 (1991-10-31) abstract	6					
Y	WO 96/30750 A (CALIFORNIA INST OF TECHN) 3 October 1996 (1996-10-03) page 3, line 8 - line 21 page 15, line 13 - page 16, line 10						

Information on patent family members

GB2004/003485

	atent document d in search report		Publication date		Patent family member(s)		Publication date
JP	2001087370	A	03-04-2001	NONE			
JP	2000121110	Α	28-04-2000	NONE			
DE.	10157832	Α	26-06-2003	DE	10157832	A1	26-06-2003
FR	2689399	Α	08-10-1993	FR	2689399	A1	08-10-1993
DE	10249510	Α	06-05-2004	DE WO	10249510 2004037304		06-05-2004 06-05-2004
WO	2004062700	Α	29-07-2004	DE WO	10301214 2004062700		15-04-2004 29-07-2004
JP	2004141618		20-05-2004	NONE			
JP	05261246	Α	12-10-1993	JP	3087432	B2	11-09-2000
JP	5261246	Α	12-10-1993	JP	3087432	B2	11-09-2000
JP	05016660	Α	26-01-1993	JP	2855294	B2	10-02-1999
JP	03244957	A	31-10-1991	NONE			<u> </u>
· WO	9630750	A	03-10-1996	UST AUU ACN DE EF G JPT USS SOUS SSSSSSSSSSSSSSSSSSSSSSSSSSSSS	5571401 188291 705825 5372896 2215332 1184530 69605906 69605906 820585 0820585 0950895 2144737 973802 3033092 11503231 820585 2145081 5951846 5959191 6013229 9630750 5891398 6170318 6017440 6093308 2003159927 6537498 2004033165 6331244 5698089 5788833 6010616	T B2 A1 D12 TA1 A A T T T C A A A A A A B A B A A A B A B A A A B A B A A A B A B A A A B A B A A A B A B A A A B B A A B B A A B B A A A B B A A B B A A B B A A B B A A B B A A B B A B A B B A A B B A B A B B A B A B B A B A B B A B A B B A B A B B A B A B B A B B A B B A B B A B B A B B A B B A B B A B B A B B A B B A B B A B B A B B A B B A B B A B B A B B B A B B B A B B B A B B B A B B B A B	05-11-1996 15-01-2000 03-06-1999 16-10-1996 03-10-1996 10-06-1998 03-02-2000 13-07-2000 19-06-2000 28-01-1998 20-10-1999 16-06-2000 29-09-1997 31-08-2000 23-03-1999 30-06-2000 27-01-2000 14-09-1999 28-09-1999 11-01-2000 03-10-1996 06-04-1999 09-01-2001 25-01-2000 25-07-2000 28-08-2003 25-03-2003 19-02-2004 18-12-2001 16-12-1997 04-08-1998 04-01-2000